

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050077

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F G06T A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 052 476 A (QIAN ET AL) 18 April 2000 (2000-04-18) abstract, col. 3 line 1-col. 6 line 23, col. 7 lines 40-50, col. 11 line 29-col 15 line 39 ----- US 6 195 579 B1 (CARROLL TIMOTHY J ET AL) 27 February 2001 (2001-02-27) abstract, col. 4 lines 5- col. 6 line 50, col. 11 line 1- col. 12 line 51, Fig. 9 ----- US 6 639 211 B1 (ANAND CHRISTOPHER K ET AL) 28 October 2003 (2003-10-28) abstract, Fig. 2, col. 5 line 55-col. 6 line 15, claims 1,5 ----- -/-	1-7, 10-12
X		1-7, 10-12
X		1-7, 10-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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Date of the actual completion of the international search

11 March 2005

Date of mailing of the international search report

06/04/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TORHEIM G ET AL: "FEATURE EXTRACTION AND CLASSIFICATION OF DYNAMIC CONTRAST-ENHANCED T2-WEIGHTED BREAST IMAGE DATA"            IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 20, no. 12, December 2001 (2001-12), pages 1293-1301, XP001101458            ISSN: 0278-0062            abstract, section II.C</p> <p>-----</p>	1-7, 10-12
X	<p>JUNHWAN KIM ET AL: "A segmentation algorithm for contrast-enhanced images"            PROCEEDINGS OF THE EIGHT IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION. (ICCV). NICE, FRANCE, OCT. 13 - 16, 2003, INTERNATIONAL CONFERENCE ON COMPUTER VISION, LOS ALAMITOS, CA : IEEE COMP. SOC, US, vol. VOL. 2 OF 2. CONF. 9, 13 October 2003 (2003-10-13), pages 502-509, XP010662330            ISBN: 0-7695-1950-4            abstract, sections 1.1, 3-5, 7</p> <p>-----</p>	1-7, 10-12
X,P	<p>AACH T, CONDURACHE A, ECK K, BREDNO J: "Statistical Model Based Identification of Complete Vessel Tree Frames in Coronary Angiograms"            COMPUTATIONAL IMAGING II, EDITED BY BOUMAN, MILLER, PROC. OF SPIE ELECTRONIC IMAGING, vol. 5299, May 2004 (2004-05), pages 283-294, XP002321038            SPIE            abstract</p> <p>-----</p>	1-12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050077

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6052476	A	18-04-2000	US DE	6195450 B1 19842950 A1		27-02-2001 25-03-1999
US 6195579	B1	27-02-2001	AU EP JP JP WO	2356700 A 1145029 A1 3538595 B2 2002533144 T 0037957 A1		12-07-2000 17-10-2001 14-06-2004 08-10-2002 29-06-2000
US 6639211	B1	28-10-2003	EP WO	1336117 A2 02057803 A2		20-08-2003 25-07-2002